analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Ms. Nina Anderson
Inspectorate America Corporation
12000 Aerospace Ave, Suite 200
Houston TX 77034-5576

Report Number: 69486

Revision: Rev. 0

Re: Sprague Energy (Project No: 4101-11-01)

Enclosed are the results of the analyses on your sample(s). Samples were received on 08 April 2011 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
69486-1	04/06/11	Tank 2- Searsport-201102000324-1	EPA 8260 Volatile Organics	
69486-2	04/06/11	Tank 2- Searsport-201102000324-2	EPA 8260 Volatile Organics	
69486-3	04/06/11	Trip Blank	Electronic Data Deliverable	
	04/06/11	Trip Blank	EPA 8260 Volatile Organics	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 04/15/2011

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April 14, 2011

CLIENT SAMPLE ID

Project Name: Sprague Energy

Project Number: 4101-11-01

Field Sample ID: Tank 2- Searsport-201102000324-1

SAMPLE DATA

Lab Sample ID: 69486-1
Matrix: Solid
Percent Solid: 100
Dilution Factor: 99
Collection Date: 04/06/11
Lab Receipt Date: 04/08/11
Analysis Date: 04/12/11

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg	COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg
Chloroethane	50	99	U	1,1-Dichloroethane	50	99	U
Chloroform	50	74	U	1,1-Dichloroethene	50	74	U
Chloromethane	50	99	U	1,1-Dichloropropene	50	99	U
cis-1,2-Dichloroethene	50	99	U	1,2,3-Trichlorobenzene	50	99	U
cis-1,3-Dichloropropene	50	99	U	1,2,3-Trichloropropane	50	99	U
Dibromochloromethane	50	74	U	1,2,4-Trichlorobenzene	50	99	U
Dibromomethane	50	99	U	1,2,4-Trimethylbenzene	50	99	**59 J**
Dichlorodifluoromethane	50	99	U	1,2-Dibromo-3-chloropropane	50	99	U
Ethylbenzene	50	99	**51 J**	1,2-Dibromoethane	50	74	U
Freon-113	50	99	U	1,2-Dichlorobenzene	50	99	U
Hexachlorobutadiene	50	99	U	1,2-Dichloroethane	50	74	U
Isopropl benzene	50	99	U	1,2-Dichloropropane	50	74	U
m,p-Xylene	50	99	**108**	1,3,5-Trimethylbenzene	50	99	U
Methyl-tert-butyl ether (MTBE)	50	74	U	1,3-Dichlorobenzene	50	99	U
Methylene chloride	248	495	U	1,3-Dichloropropane	50	99	U
Naphthalene	50	99	U	1,4-Dichlorobenzene	50	99	U
n-Butylbenzene	50	99	U	2,2-Dichloropropane	50	99	U
n-Propylbenzene	50	99	U	Methyl ethyl ketone	495	990	U
o-Xylene	50	99	U	2-Chlorotoluene	50	99	U
sec-Butylbenzene	50	99	U	2-Hexanone	495	990	U
Styrene	50	99	U	4-Chlorotoluene	50	99	U
tert-Butylbenzene	50	99	U	4-Isopropyltoluene	50	99	U
Tetrachloroethene	50	99	U	4-Methyl-2-pentanone	495	990	U
Tetrahydrofuran	248	495	U	Acetone	495	990	U
Toluene	50	99	**187**	Benzene	50	99	U
trans-1,2-Dichloroethene	50	99	U	Bromobenzene	50	99	U
trans-1,3-Dichloropropene	50	99	U	Bromochloromethane	50	99	U
Trichloroethene	50	99	U	Bromodichloromethane	50	74	U
Trichlorofluoromethane	50	99	U	Bromoform	50	74	U
Vinyl chloride	50	99	U	Bromomethane	50	99	U
Xylenes (total)	50	99	U	Carbon Disulfide	50	99	U
1,1,1,2-Tetrachloroethane	50	99	U	Carbon tetrachloride	50	99	U
1,1,1-Trichloroethane	50	99	U	Chlorobenzene	50	99	U
1,1,2,2-Tetrachloroethane	50	74	U	(TIC) n-Heptane	NA	NA	NF
1,1,2-Trichloroethane	50	74	U	(TIC) n-Hexane	NA	NA	NF

Surrogate Standard Recovery

Bromofluorobenzene	92%	d4-1,2-Dichloroethane	94%	d8-Toluene	97%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B. Results between the LOD and LOQ are reported as estimated (J flag). Difficult compounds and laboratory contaminants are not reported below the LOQ

COMMENTS: Results are expressed on a dry weight basis. TIC=Tentatively Identified Compound. NF=Not Found using NIST library search criteria.

:et2Column2TierWTICs:Res(0):Rec(0) - Inspectorate_OIL_2Tier_wTICS

Authorized signature

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April 14, 2011

CLIENT SAMPLE ID

Project Name: Sprague Energy

Project Number: 4101-11-01

Field Sample ID: Tank 2- Searsport-201102000324-2

SAMPLE DATA

Lab Sample ID: 69486-2
Matrix: Solid
Percent Solid: 100
Dilution Factor: 96
Collection Date: 04/06/11
Lab Receipt Date: 04/08/11
Analysis Date: 04/12/11

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg	COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg
Chloroethane	48	96	U	1,1-Dichloroethane	48	96	U
Chloroform	48	72	U	1,1-Dichloroethene	48	72	U
Chloromethane	48	96	U	1,1-Dichloropropene	48	96	U
cis-1,2-Dichloroethene	48	96	U	1,2,3-Trichlorobenzene	48	96	U
cis-1,3-Dichloropropene	48	96	U	1,2,3-Trichloropropane	48	96	U
Dibromochloromethane	48	72	U	1,2,4-Trichlorobenzene	48	96	U
Dibromomethane	48	96	U	1,2,4-Trimethylbenzene	48	96	**53 J**
Dichlorodifluoromethane	48	96	U	1,2-Dibromo-3-chloropropane	48	96	U
Ethylbenzene	48	96	**62 J**	1,2-Dibromoethane	48	72	U
Freon-113	48	96	U	1,2-Dichlorobenzene	48	96	U
Hexachlorobutadiene	48	96	U	1,2-Dichloroethane	48	72	U
Isopropl benzene	48	96	U	1,2-Dichloropropane	48	72	U
m,p-Xylene	48	96	**122**	1,3,5-Trimethylbenzene	48	96	U
Methyl-tert-butyl ether (MTBE)	48	72	U	1,3-Dichlorobenzene	48	96	U
Methylene chloride	240	479	U	1,3-Dichloropropane	48	96	U
Naphthalene	48	96	U	1,4-Dichlorobenzene	48	96	U
n-Butylbenzene	48	96	U	2,2-Dichloropropane	48	96	U
n-Propylbenzene	48	96	U	Methyl ethyl ketone	479	958	U
o-Xylene	48	96	**50 J**	2-Chlorotoluene	48	96	U
sec-Butylbenzene	48	96	U	2-Hexanone	479	958	U
Styrene	48	96	U	4-Chlorotoluene	48	96	U
tert-Butylbenzene	48	96	U	4-Isopropyltoluene	48	96	U
Tetrachloroethene	48	96	U	4-Methyl-2-pentanone	479	958	U
Tetrahydrofuran	240	479	U	Acetone	479	958	U
Toluene	48	96	**256**	Benzene	48	96	U
trans-1,2-Dichloroethene	48	96	U	Bromobenzene	48	96	U
trans-1,3-Dichloropropene	48	96	U	Bromochloromethane	48	96	U
Trichloroethene	48	96	U	Bromodichloromethane	48	72	U
Trichlorofluoromethane	48	96	U	Bromoform	48	72	U
Vinyl chloride	48	96	U	Bromomethane	48	96	U
Xylenes (total)	48	96	U	Carbon Disulfide	48	96	U
1,1,1,2-Tetrachloroethane	48	96	U	Carbon tetrachloride	48	96	U
1,1,1-Trichloroethane	48	96	U	Chlorobenzene	48	96	U
1,1,2,2-Tetrachloroethane	48	72	U	(TIC) n-Heptane	NA	NA	NF
1,1,2-Trichloroethane	48	72	U	(TIC) n-Hexane	NA	NA	NF

Surrogate Standard Recovery

Bromofluorobenzene	78%	d4-1,2-Dichloroethane	81%	d8-Toluene	85%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B. Results between the LOD and LOQ are reported as estimated (J flag). Difficult compounds and laboratory contaminants are not reported below the LOQ

COMMENTS: Results are expressed on a dry weight basis. TIC=Tentatively Identified Compound. NF=Not Found using NIST library search criteria.

et2Column2TierWTICs:Res(0):Rec(0) - Inspectorate_OIL_2Tier_wTICS

Authorized signature

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April 14, 2011

CLIENT SAMPLE ID

Project Name: Sprague Energy

Project Number: 4101-11-01

Field Sample ID: Trip Blank

SAMPLE DATA

Lab Sample ID: 69486-3
Matrix: Solid
Percent Solid: 100
Dilution Factor: 100
Collection Date: 04/06/11
Lab Receipt Date: 04/08/11
Analysis Date: 04/12/11

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg	COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg
Chloroethane	50	100	U	1,1-Dichloroethane	50	100	U
Chloroform	50	75	U	1,1-Dichloroethene	50	75	U
Chloromethane	50	100	U	1,1-Dichloropropene	50	100	U
cis-1,2-Dichloroethene	50	100	U	1,2,3-Trichlorobenzene	50	100	U
cis-1,3-Dichloropropene	50	100	U	1,2,3-Trichloropropane	50	100	U
Dibromochloromethane	50	75	U	1,2,4-Trichlorobenzene	50	100	U
Dibromomethane	50	100	U	1,2,4-Trimethylbenzene	50	100	U
Dichlorodifluoromethane	50	100	U	1,2-Dibromo-3-chloropropane	50	100	U
Ethylbenzene	50	100	U	1,2-Dibromoethane	50	75	U
Freon-113	50	100	U	1,2-Dichlorobenzene	50	100	U
Hexachlorobutadiene	50	100	U	1,2-Dichloroethane	50	75	U
Isopropl benzene	50	100	U	1,2-Dichloropropane	50	75	U
m,p-Xylene	50	100	U	1,3,5-Trimethylbenzene	50	100	U
Methyl-tert-butyl ether (MTBE)	50	75	U	1,3-Dichlorobenzene	50	100	U
Methylene chloride	250	500	U	1,3-Dichloropropane	50	100	U
Naphthalene	50	100	U	1,4-Dichlorobenzene	50	100	U
n-Butylbenzene	50	100	U	2,2-Dichloropropane	50	100	U
n-Propylbenzene	50	100	U	Methyl ethyl ketone	500	1000	U
o-Xylene	50	100	U	2-Chlorotoluene	50	100	U
sec-Butylbenzene	50	100	U	2-Hexanone	500	1000	U
Styrene	50	100	U	4-Chlorotoluene	50	100	U
tert-Butylbenzene	50	100	U	4-Isopropyltoluene	50	100	U
Tetrachloroethene	50	100	U	4-Methyl-2-pentanone	500	1000	U
Tetrahydrofuran	250	500	U	Acetone	500	1000	U
Toluene	50	100	U	Benzene	50	100	U
trans-1,2-Dichloroethene	50	100	U	Bromobenzene	50	100	U
trans-1,3-Dichloropropene	50	100	U	Bromochloromethane	50	100	U
Trichloroethene	50	100	U	Bromodichloromethane	50	75	U
Trichlorofluoromethane	50	100	U	Bromoform	50	75	U
Vinyl chloride	50	100	U	Bromomethane	50	100	U
Xylenes (total)	50	100	U	Carbon Disulfide	50	100	U
1,1,1,2-Tetrachloroethane	50	100	U	Carbon tetrachloride	50	100	U
1,1,1-Trichloroethane	50	100	U	Chlorobenzene	50	100	U
1,1,2,2-Tetrachloroethane	50	75	U	(TIC) n-Heptane	NA	NA	NF
1,1,2-Trichloroethane	50	75	U	(TIC) n-Hexane	NA	NA	NF

Surrogate Standard Recovery

Bromofluorobenzene	95%	d4-1,2-Dichloroethane	103%	d8-Toluene	106%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B. Results between the LOD and LOQ are reported as estimated (J flag). Difficult compounds and laboratory contaminants are not reported below the LOQ

COMMENTS: Results are expressed on a dry weight basis. TIC=Tentatively Identified Compound. NF=Not Found using NIST library search criteria.

:et2Column2TierWTICs:Res(0):Rec(0) - Inspectorate_OIL_2Tier_wTICS

Authorized signature

INSPECTORATE
A Bureau Veritas Group Company

Chain of Custody Form

Project Name: Sprague Energy
Project #: 4101-11-01
IAC Office: Searsport
IAC Job No.: 020-0003744
Terminal: Sprague Searsport
Samples iced: (Yes) No
Analysis: EPA 8260B/5035
Matrix: Organic
Preservation: Methanol

Send Report: nina.anderson@inspectorate.com
12000 aerospace avenue, suite 200
Houston, TX 77034
Temp of Control 4.1 °C
TAT: 5 days

(*) Empty vial w/ 10mL & MeOH given, labeled as Trip Blank -CP 4/8/11

Sample No	Sample Date	Sample Time	Tank No.	Sampled By	Product Grade	Sample
Tank 2-Searsport-201102000324-1	4/6/2011	9:50	Tank 2	Dennis Curtis	Asphalt Pg 64-28	Running
Tank 2-Searsport-201102000324-2	6-Apr	9:50	Tank 2	Dennis Curtis	Asphalt Pg 64-28	Running
(*) Trip Blank						

69486 - CP 4/8/11
-1
-2
-3

Sprague Representative: Wilson Walker
Date/Time: 4-6-11 0950

Relinquished by: [signature]
Date/Time: 4-8-2011 1355

Received By: Casey Pay
Date/Time: 4.8.11 1355

Relinquished by:
Date/Time:

Received By:
Date/Time:

• Container States "20110200032 41 Sprague Searsport"
JSB 4/8/11

* Container States "20110200032 42 Sprague Searsport"
JSB 4/8/11

analytics environmental laboratory LLC

ANALYTICS SAMPLE RECEIPT CHECKLIST

AEL LAB#: 69486
CLIENT: Inspectrate
PROJECT: Sprague

COOLER NUMBER: Client's
NUMBER OF COOLERS: 1
DATE RECEIVED: 4.8.11

A: PRELIMINARY EXAMINATION:

DATE COOLER OPENED: 4.8.11

1. Cooler received by(initials): CP — Date Received: 4.8.11

2. Circle one: (Hand delivered) Shipped

3. Did cooler come with a shipping slip? Y (N/A)
(If so, skip 3)

3a. Enter carrier name and airbill number here: _____

4. Were custody seals on the outside of cooler? Y (N)
How many & where: _____ Seal Date: _____ Seal Name: _____

5. Did the custody seals arrive unbroken and intact upon arrival? Y (N/A)

6. COC#: N/A

7. Were Custody papers filled out properly (ink,signed, etc)?	(Y)	N
8. Were custody papers sealed in a plastic bag?	Y	(N)
9. Did you sign the COC in the appropriate place?	(Y)	N
10. Was the project identifiable from the COC papers?	(Y)	N
11. Was enough ice used to chill the cooler? (Y) N — Temp. of cooler: 4.1°		

B. Log-In: Date samples were logged in: 4/8/11 By: CP

12. Type of packing in cooler(bubble wrap, popcorn)	Y	(N)
13. Were all bottles sealed in separate plastic bags?	(Y) CP 4/8/11	N
14. Did all bottles arrive unbroken and were labels in good condition?	(Y)	N
15. Were all bottle labels complete(ID,Date,time,etc.)	(Y) CP 4/8/11	N
16. Did all bottle labels agree with custody papers?	Y	(N)
17. Were the correct containers used for the tests indicated:	(Y)	N
18. Were samples received at the correct pH?	Y	(N/A)
19. Was sufficient amount of sample sent for the tests indicated?	(Y)	N
20. Were all samples submitted within holding time?	(Y)	N
21. Were bubbles absent in VOA samples?	Y	(N/A)

one vial w/ 10mL MeOH provided w/o label and not on COC; added as Trip Blank CP 4/8/11

If NO, List Sample ID's and Lab #s: _____

22. Laboratory labeling verified by (initials): JAB Date: 4/8/11

2011-020-00324-001

Whiteboard ID: 0020-0003744

1100143148

Sample From:

TANK 2 (EPA SAMPLES)

Product :

PG64-28 ASPHALT

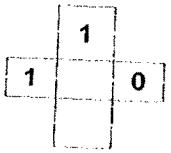
Vessel: TANK 2

Terminal: INSPECTORATE SEARSPORT

Date Received: **04/06/2011**

Retain Period: 120

Container Type: Vial



UN# 1999

connie.lane